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CROWELL & MORING LLP

1001 PENNSYLVANIA AVENUE, N.W.

WASHINGTON, D.C. 20004-2595

(202) 624-2500

FACSIMILE (202) 628-5116

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ROBERT M. HALPERIN
(202) 624-2543
rhalperin@cromor.com

RECEIVED

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SUITE 1200
2010 MAIN STREET
IRVINE, CALIFORNIA 92614
(714) 263-8400
FACSIMILE (714) 263-8414

March 24, 1997

180 FLEET STREET
LONDON EC4A 3HD
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BY HAND DELIVERY

EX-PARTE LETTER

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, N.W. Room 222
Washington, D.C. 20554

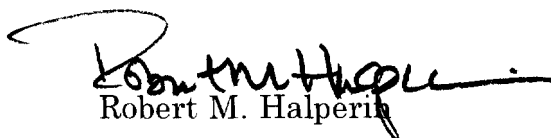
Re: Federal State Joint Board on Universal Service
CC Docket No. 96-45

Dear Mr. Caton:

This letter is being filed, in duplicate, in accordance with the Commission's Rules, to report that the enclosed letter and attachments were sent by hand today to John F. Clark, Sarah E. Whitesell, and Mark Nadel of the Common Carrier Bureau, Universal Service Branch.

In the event there are any questions concerning this matter, please communicate with the undersigned.

Very truly yours,


Robert M. Halperin

Enclosure

cc: John F. Clark, Esq.
Sarah E. Whitesell, Esq.
Mark Nadel, Esq.

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FACSIMILE 44-171 413-0333

March 24, 1997

John F. Clark, Esq.
Universal Service Branch
Common Carrier Bureau
Federal Communications Commission
2100 M Street, N.W.
Room 8619
Washington, DC 20554

Re: Federal State Joint Board on Universal Service
CC Docket No. 96-45

Dear Mr. Clark:

On behalf of the State of Alaska, enclosed for the Commission's consideration are various spreadsheets that provide information concerning the geographic dispersion of health care providers and telecommunications facilities in the State of Alaska. We hope that this information will be useful to the Commission as it confronts the issue of how to bring the promise of telemedicine embodied in the Telecommunications Act of 1996 to those who need it most -- those in rural Alaska. Based on this information, we also make several findings and recommendations.

Tab 1 consists of a spreadsheet that sets forth information concerning the availability of health care services and the location of health care providers in each community in the State. Communities are divided into five groups depending on the highest level of resident care available in the community. Communities with a hospital are listed first, followed by those with doctors, those with mid-level practitioners, those with community health aides, and, finally, those with no resident health care provider of any type. Some of the communities in the last group are visited by itinerant health care providers.

For each community in each group, information concerning the population, the location and distance to the nearest hospital, and the mode of transportation to the nearest hospital are provided where such information is available. The location of public health nursing centers and community mental health facilities/centers is also indicated. In addition, for each hospital, the number of

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beds is provided, and for each community with a doctor, the number of doctors is provided. This spreadsheet was prepared by the Alaska Division of Public Health's Section of Community Health and Emergency Medical Services.

This spreadsheet demonstrates in great detail the information we provided to you previously. There are doctors or hospitals in only 11 percent of Alaskan communities. One hundred seventy six communities (constituting 55 percent of all Alaskan communities) are served either by resident mid-level practitioners (24) or community health aides (152). These communities are often located at a great distance from doctors and hospitals. Only 14 (8 percent) of these communities are accessible by road. There is nowhere else in the Nation in such need of telemedicine, including telecommunications services capable of video conferencing.

Tab 2 provides information on the telecommunications infrastructure in Alaska. It provides information on the availability of frame relay, dedicated private lines up to 128K and up to DS-1, and ISDN. Important information explaining this spreadsheet, including data on Internet bandwidth in Alaska, is provided on page 7. This spreadsheet was prepared by Alaska Public Utilities Commission staff based on information provided by AT&T/Alascom and General Communication, Inc., the two facilities-based interexchange providers in Alaska. Correspondence and other information provided by the carriers addressing infrastructure limitations and other points are also provided. The communities in this spreadsheet are organized in the same manner as in the spreadsheet provided at Tab 1 to permit easy comparison of the health care and interexchange telecommunications facilities and needs of each community.

Tab 3 provides information, where available, on the distance between each Alaska community and the geographically nearest frame relay switch.

Tab 4 provides rate information for DS-0 and DS-1 dedicated private lines and frame relay services in Alaska.

In reviewing this information, we offer the following findings and recommendations:

Community health aides are a critical part of the delivery of health care services in rural Alaska. These providers squarely fit into the definition of rural health care provider under Section 254(h)(5)(B) of the Communications Act of 1934, as amended, as the facilities out of which they work are properly viewed as community health centers (section 254(h)(5)(B)(ii)) or rural health clinics (section

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254(h)(5)(B)(vi)). Like doctors and mid-level practitioners, they see patients in permanent clinics in their communities. They are also the subset of the health care provider community which is most likely to need telecommunications services for the provision of health care services to their patients..

In considering how to implement in Alaska the universal service policies Congress has delineated, the Commission should be mindful of the fact that the public network in Alaska is very different from the public network in the contiguous forty-eight states. Interexchange facilities in the Lower 48 are mostly terrestrial; in most of Alaska, interexchange communications rely on satellite systems. Given the mountainous topography, vast distances, and harsh climate, terrestrial fiber systems have not been deployed in most areas of Alaska. Satellite communications in Alaska are far less efficient and more expensive than fiber networks in the contiguous forty-eight states. The limitations in satellite technology in Alaska may be at least part of the reason why frame relay cannot support video conferencing on a state-wide basis in Alaska. (See the correspondence from the carriers provided at Tab 2.)

In accordance with the Joint Board's recommended policy goal of technological neutrality, the Commission should not restrict the technology or network architecture to be deployed in Alaska, particularly by providers of "universal services" to schools, libraries, and rural health care providers. For example it may appear that the least cost method of providing Internet access to a remote health care provider is through a private line to the nearest frame relay switch. This type of arrangement would probably make sense in the contiguous forty-eight states. In Alaska, however, most private lines must currently be routed via satellite through a central hub (in Anchorage, Fairbanks, or Juneau) prior to reaching their final destination at the geographically closest frame relay switch. In such circumstances, it may be more efficient for a carrier to terminate Internet access to a central hub facility, rather than backhauling the line to a remote frame relay switch.

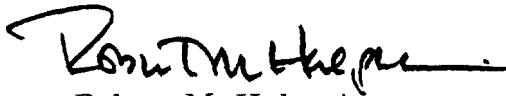
In addition, in the future, if carriers increase their offerings of higher bandwidth services to rural communities, they may do so through specialized services that attempt to maximize the efficiency of satellite capacity. These future services may not be ones that are typically used in

John F. Clark, Esq.
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Page 4

the contiguous forty-eight states to provide high-speed access to the Internet or other wide area networks.

We hope that these materials are helpful to the Commission and its staff as they work to assure that rural health care providers in Alaska receive affordable access to the telecommunications services they need to provide telemedicine services to those Americans who need it the most. Please let us know if we can provide any other information that would assist the Commission or its staff in this important endeavor.

Very truly yours,

A handwritten signature in black ink, appearing to read "Robert M. Halperin", with a stylized flourish at the end.

Robert M. Halperin
Counsel for the State of Alaska

Enclosures

cc: William F. Caton, Acting Secretary
(two copies with enclosures)
Sarah E. Whitesell, Esq.
Mark Nadel, Esq.

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Community	Population	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital***	
Adak Station	874	HOSP	Branch Naval Hospital	20	2			Hospital in comm.	Hosp.
Anchorage	257,780	HOSP	Columbia Regional Hospital	238	646	X	X	Hospital in comm.	Hosp.
			Providence Alaska Medical Center	345				Hospital in comm.	Hosp.
			Alaska Native Medical Center	140				Hospital in comm.	Hosp.
			Alaska Psychiatric Hospital					Hospital in comm.	Hosp.
			Charter North Hospital	80				Hospital in comm.	Hosp.
			North Star Hospital & Counseling Centers	34				Hospital in comm.	Hosp.
Barrow	4,234	HOSP	Samuel Simmonds Memorial Hospital	14	9	X	X	Hospital in comm.	Hosp.
Bethel	5,195	HOSP	Yukon-Kuskokwim Delta Regional Hospital	50	24	X	X	Hospital in comm.	Hosp.
Cordova	2,568	HOSP	Cordova Community Medical Center	23	3		X	Hospital in comm.	Hosp.
Dillingham	2,243	HOSP	Kanakanak Hospital	15	9	X	X	Hospital in comm.	Hosp.
Fairbanks	32,655	HOSP	Fairbanks Memorial Hospital	177	163	X	X	Hospital in comm.	Hosp.
Homer	3,836	HOSP	South Peninsula Hospital	40	9	X	X	Hospital in comm.	Hosp.
Juneau	29,228	HOSP	Bartlett Memorial Hospital	51	49	X	X	Hospital in comm.	Hosp.
Ketchikan	8,557	HOSP	Ketchikan General Hospital	92	37	X	X	Hospital in comm.	Hosp.
Kodiak	7,620	HOSP	Kodiak Island Hospital & Nursing Home	44	19	X	X	Hospital in comm.	Hosp.
Kotzebue	2,947	HOSP	Manilaq Health Center	17	9	X	X	Hospital in comm.	Hosp.
Nome	3,576	HOSP	Norton Sound Health Corporation	19	8	X	X	Hospital in comm.	Hosp.
Palmer	4,141	HOSP	Valley Hospital	36	21	X	X	Hospital in comm.	Hosp.
Petersburg	3,350	HOSP	Petersburg Medical Center	25	3	X	X	Hospital in comm.	Hosp.
Seward	3,034	HOSP	Seward General Hospital	20	2	X	X	Hospital in comm.	Hosp.
Sitka	9,194	HOSP	Sitka Community Hospital	22	30	X	X	Hospital in comm.	Hosp.
			SEARHC Mt. Edgecumbe Hospital	78				Hospital in comm.	Hosp.
Soldotna	3,990	HOSP	Central Peninsula General Hospital	62	32			Hospital in comm.	Hosp.
Valdez	4,469	HOSP	Valdez Community Hospital	15	4	X	X	Hospital in comm.	Hosp.

Community	Population	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital***	Hosp
Wrangell	2,758	HOSP	Wrangell General Hospital	8	3	X	X	Hospital in comm.	Hosp
Anchor Point		MD			1			Homer	
Chugiak		MD			1			Anchorage	
Craig	1,946	MD			1	X	X	Ketchikan	
Delta Junction	828	MD			2	X		Fairbanks	
Eagle River		MD			10			Anchorage	
Girdwood		MD			2			Anchorage	
Glennallen	493	MD			2	X		Valdez	
Golovin	148	MD			1			Nome	
Haines	1,363	MD			2	X	X	Juneau	
Kenai	7,006	MD			4	X	X	Soldotna	
Metlakatla	1,540	MD			2			Ketchikan	
Naknek	617	MD			1			Dillingham	
Seldovia	415	MD			1			Homer	
Talkeetna	330	MD			1			Homer	
Wasilla	4,635	MD			24	X	X	Palmer	
Akutan	436	MLP						Anchorage	
Aniak	581	MLP					X	Bethel	
Chignik	141	MLP						Dillingham	
Cold Bay	107	MLP						Anchorage	
Fort Yukon	597	MLP				X	X	Fairbanks	
Galena	527	MLP				X	X	Fairbanks	
Gustavus	328	MLP						Juneau	

Community	Population	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital***	Miles to Nearest
Healy	605	MLP						Fairbanks	
Hoonah	903	MLP						Juneau	
Kake	696	MLP						Sitka	
King Cove	716	MLP						Anchorage	
Klawock	759	MLP						Ketchikan	
McGrath	479	MLP					X	Fairbanks	
Nenana	361	MLP					X	Fairbanks	
Sand Point	844	MLP					X	Anchorage	
Skagway	811	MLP						Juneau	
St. George	151	MLP						Anchorage	
St. Paul	767	MLP						Anchorage	
Thorne Bay	650	MLP						Ketchikan	
Togiak	700	MLP						Dillingham	
Tok	1,204	MLP				X	X	Fairbanks	
Unalakleet	764	MLP						Nome	
Unalaska	4,083	MLP					X	Anchorage	
Yakutat	801	MLP						Sitka	
Akiak	80	CHA						Kodiak	
Akiachak	542	CHA						Bethel	
Akiak	320	CHA						Bethel	
Alakanuk	604	CHA						Bethel	
Aleknagik	182	CHA						Dillingham	
Allakaket	147	CHA						Fairbanks	
Ambler	309	CHA						Kotzebue	

Community	Population	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital***
Anaktuvuk Pass	283	CHA						Fairbanks
Angoon	601	CHA						Sitka
Anvik	96	CHA						Bethel
Arctic Village	132	CHA						Fairbanks
Alka	103	CHA						Anchorage
Almatluak	279	CHA						Bethel
Atkasuk	233	CHA						Barrow
Beaver	103	CHA						Fairbanks
Brevig Mission	265	CHA						Nome
Buckland	415	CHA						Kotzebue
Cantwell	145	CHA						Fairbanks
Chalkyitsik	83	CHA						Fairbanks
Chefornak	371	CHA						Bethel
Chenega	96	CHA						Seward
Chevak	682	CHA						Bethel
Chignik Lagoon	65	CHA						Dillingham
Chignik Lake	154	CHA						Dillingham
Chitina	64	CHA						Valdez
Christochina	58	CHA						Valdez
Chuathbaluk	125	CHA						Bethel
Circle	94	CHA						Fairbanks
Clark's Point	63	CHA						Dillingham
Copper Center	494	CHA					X	Valdez
Crooked Creek	138	CHA						Bethel
Deering	153	CHA						Kotzebue

Community	Population	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital**	Miles to Nearest
Diomedes	154	CHA						Nome	
Dot Lake	78	CHA						Fairbanks	
Eagle	139	CHA						Fairbanks	
Eek	283	CHA						Bethel	
Ekwok	86	CHA						Dillingham	
Elim	281	CHA						Nome	
Emmonak	762	CHA						Bethel	
Egegik	143	CHA						Dillingham	
Evansville	64	CHA						Fairbanks	
False Pass	73	CHA						Anchorage	
Gakona	90	CHA					X	Valdez	
Gambell	628	CHA						Nome	
Goodnews Bay	253	CHA						Bethel	
Grayling	212	CHA						Bethel	
Gulkana	100	CHA						Valdez	
Holy Cross	289	CHA						Bethel	
Hooper Bay	996	CHA						Bethel	
Hughes	62	CHA						Fairbanks	
Huslia	255	CHA						Fairbanks	
Hydaburg	406	CHA						Kelchikan	
Igiugig	50	CHA						Dillingham	
Iliamna	99	CHA						Anchorage	
Ivanof Bay	28	CHA						Dillingham	
Kaktovik	210	CHA						Barrow	
Katag	234	CHA						Fairbanks	

Community	Population	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital**
Karluk	58	CHA						Kodiak
Kasaan	41	CHA						Ketchikan
Kasigluk	506	CHA						Bethel
Kiana	417	CHA						Kotzebue
King Salmon	539	CHA						Dillingham
Kipnuk	544	CHA						Bethel
Kivalina	349	CHA						Kotzebue
Klukwan	165	CHA						Juneau
Kobuk	80	CHA						Kotzebue
Kokhanok	161	CHA						Anchorage
Koliganek	208	CHA						Dillingham
Kongiganak	336	CHA						Bethel
Kotlik	543	CHA						Bethel
Koyuk	258	CHA						Nome
Koyukuk	125	CHA						Fairbanks
Kwethluk	649	CHA						Bethel
Kwigillingok	326	CHA						Bethel
Larsen Bay	130	CHA						Kodiak
Levelock	116	CHA						Dillingham
Lime Village	61	CHA						Anchorage
Lower Kalskag	308	CHA						Bethel
Manley Hot Springs	99	CHA						Fairbanks
Manokotak	402	CHA						Dillingham
Marshall	298	CHA						Bethel
Mekoryuk	212	CHA						Bethel

	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital***	Miles to Nearest Hospital***	Mode of Travel to Hosp.*					
									Air	Road	Water	Snow Machine	4-Wheel	Train
115	CHA						Fairbanks	260						
245	CHA						Fairbanks		X	X				
758	CHA					X	Bethel	95	X		X	X		
326	CHA						Bethel	6	X					
404	CHA						Bethel	10	X		X	X		
88	CHA						Anchorage	750	X					
421	CHA						Dillingham	60	X		X			
170	CHA						Anchorage	250	X			X		
275	CHA						Bethel	83	X		X	X		
0	CHA						Bethel	83	X		X	X		
189	CHA						Bethel	80	X		X	X		
125	CHA						Anchorage	200	X		X			
597	CHA						Homer	40						
27	CHA						Anchorage	900	X					
418	CHA						Kotzebue							
237	CHA						Anchorage	250	X		X			
586	CHA						Kotzebue							
1,649	CHA						Fairbanks							
133	CHA						Fairbanks	270	X	X				
359	CHA						Fairbanks	252	X		X			
456	CHA						Bethel	30	X		X	X		
42	CHA						Bethel	7			X	X		
259	CHA						Kodiak		X		X			
45	CHA						Anchorage	250	X		X	X		
209	CHA						Sitka	50	X		X			

*A blank cell generally means the item is not applicable.

**No MDs, MLPs, or CHAs reside in the community. Itinerant services not described in this matrix.

***A blank cell generally indicates data is not available.

	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital**	Miles to Nearest Hospital***	Mode of Travel to Hosp.*					
									Air	Road	Water	Snow Machine	4-Wheel	Train
104	CHA						Dillingham	350	X					
74	CHA						Dillingham	150	X					
523	CHA						Bethel	76	X		X	X		
147	CHA						Bethel	88	X		X	X		
44	CHA						Bethel	106	X		X	X		
723	CHA						Kotzebue							
178	CHA						Barrow							
170	CHA						Homer	30	X		X			
126	CHA						Dillingham	150	X					
233	CHA						Kodiak		X		X			
549	CHA						Bethel	58	X		X	X		
77	CHA						Fairbanks		X	X		X		
61	CHA						Bethel	143	X		X	X		
187	CHA						Fairbanks	220	X		X			
295	CHA						Bethel	62	X			X		
604	CHA						Nome							
434	CHA						Bethel	125	X		X	X		
648	CHA						Kotzebue							
144	CHA						Bethel	131	X		X	X		
199	CHA						Nome							
131	CHA						Bethel	135	X					
536	CHA						Nome							
242	CHA						Kotzebue							
116	CHA						Bethel	145	X		X	X		
146	CHA						Dillingham	80	X					

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	Highest Level of Medical Care	Hospital ¹	# of Beds ²	# of MDs ³	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital ⁴	Miles to Nearest Hospital ⁵	Mode of Travel to Hosp. ⁶					
									Air	Road	Water	Snow Machine	4-Wheel	Train
479	CHA						Bethel	88	X		X	X		
332	CHA						Nome							
475	CHA						Nome							
95	CHA						Fairbanks		X		X	X		
44	CHA						Bethel	163	X		X	X		
51	CHA						Anchorage	275	X		X			
88	CHA						Fairbanks	198	X					
124	CHA						Valdez	30	X		X			
274	CHA						Nome							
77	CHA						Fairbanks		X					
485	CHA						Bethel	97	X		X	X		
380	CHA						Bethel	37	X		X	X		
340	CHA						Bethel	41	X		X	X		
354	CHA						Bethel	102	X		X	X		
75	CHA						Dillingham	67	X		X	X		
154	CHA						Anchorage	80	X					
184	CHA						Bethel	63	X		X	X		
224	CHA						Fairbanks	150	X		X	X		
173	CHA						Nome							
209	CHA						Nome							
25	No Providers ^{**}						Fairbanks	298						
30	No Providers ^{**}						Anchorage							
626	No Providers ^{**}						Fairbanks	85		X				
43	No Providers ^{**}													

*A blank cell generally means the item is not applicable.

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	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital**	Miles to Nearest Hospital**	Mode of Travel to Hosp.*					
									Air	Road	Water	Snow Machine	4-Wheel	Train
16	No Providers**													
503	No Providers**						Fairbanks	98						
2,057	No Providers**						Palmer	30	X	X				
39	No Providers**						Fairbanks		X		X	X		
2,528	No Providers**						Anchorage							
58	No Providers**						Fairbanks	130	X	X				
50	No Providers**						Palmer							
200	No Providers**						Palmer	75	X	X				
83	No Providers**						Kodiak							
32	No Providers**						Fairbanks	136						
94	No Providers**						Soldotna	18						
254	No Providers**						Ketchikan	50	X	X				
583	No Providers**						Soldotna	12						
2,548	No Providers**						Fairbanks							
283	No Providers**						Seward	50		X				
63	No Providers**						Juneau							
91	No Providers**						Seward	24						
166	No Providers**						Juneau	50	X					
25	No Providers**						Fairbanks							
104	No Providers**						Fairbanks	142						
29	No Providers**						Fairbanks							
48	No Providers**													
79	No Providers**						Ketchikan	90	X					
3	No Providers**						Dillingham							
48	No Providers**						Juneau	60	X					

*A blank cell generally means the item is not applicable.

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	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital***	Miles to Nearest Hospital***	Mode of Travel to Hosp.*					
									Air	Road	Water	Snow Machine	4-Wheel	Train
162	No Providers**													
211	No Providers**						Fairbanks	10						
69	No Providers**						Fairbanks							
310	No Providers**						Fairbanks	10						
423	No Providers**						Homer							
740	No Providers**						Homer	15						
76	No Providers**						Juneau		X		X			
640	No Providers**													
78	No Providers**						Homer							
388	No Providers**													
29	No Providers**						Fairbanks							
60	No Providers**						Fairbanks							
58	No Providers**						Juneau	50	X					
106	No Providers**						Ketchikan	45	X	X				
170	No Providers**						Seward	75	X	X				
956	No Providers**						Palmer	40		X				
138	No Providers**						Ketchikan							
32	No Providers**													
404	No Providers**						Homer	3	X					
327	No Providers**													
497	No Providers**						Soldotna							
460	No Providers**						Valdez							
462	No Providers**						Palmer							
24	No Providers**													
9	No Providers**													

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	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital**	Miles to Nearest Hospital***	Mode of Travel to Hosp.*					
									Air	Road	Water	Snow Machine	4-Wheel	Train
36	No Providers**						Fairbanks							
038	No Providers**													
123	No Providers**													
50	No Providers**													
31	No Providers**						Valdez							
200	No Providers**						Fairbanks							
576	No Providers**													
57	No Providers**						Anchorage	160						
35	No Providers**						Ketchikan	38	X					
691	No Providers**						Fairbanks							
119	No Providers**						Seward	30	X	X				
88	No Providers**						Juneau	120						
3	No Providers**						Bethel							
147	No Providers**						Ketchikan	90	X	X				
087	No Providers**						Soldotna							
501	No Providers**						Homer	20					X	
113	No Providers**						Fairbanks							
123	No Providers**						Fairbanks							
33	No Providers**						Fairbanks	179						
579	No Providers**						Fairbanks							
62	No Providers**						Ketchikan	120	X		X			
69	No Providers**						Ketchikan							
98	No Providers**						Sitka	45	X					
22	No Providers**						Ketchikan							
77	No Providers**						Anchorage	250	X					

*A blank cell generally means the item is not applicable.

**No MDs, MLPs, or CHAs reside in the community. Itinerant services not described in this matrix.

***A blank cell generally indicates data is not available.

	Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital***	Miles to Nearest Hospital***	Mode of Travel to Hosp.*					
									Air	Road	Water	Snow Machine	4-Wheel	Train
24	No Providers**						Nome							
64	No Providers**						Ketchikan	120	X					
6	No Providers**						Dillingham							
62	No Providers**						Seward							
47	No Providers**						Barrow							
312	No Providers**						Soldotna							
55	No Providers**						Petersburg							
090	No Providers**						Soldotna							
384	No Providers**						Fairbanks							
394	No Providers**						Ketchikan							
90	No Providers**						Anchorage	100	X		X			
61	No Providers**						Valdez							
6	No Providers**						Nome							
949	No Providers**						Soldotna							
328	No Providers**						Palmer	75	X	X				
280	No Providers**						Valdez							
9	No Providers**						Anchorage	400	X					
107	No Providers**						Juneau		X		X			
42	No Providers**						Valdez							
304	No Providers**						Palmer	100	X	X				
654	No Providers**						Fairbanks							
5	No Providers**						Dillingham							
92	No Providers**						Ketchikan	75	X	X				
203	No Providers**						Juneau	35	X		X			
284	No Providers**						Anchorage	50						X

*A blank cell generally means the item is not applicable.

**No MDs, MLPs, or CHAs reside in the community. Itinerant services not described in this matrix.

***A blank cell generally indicates data is not available.

Highest Level of Medical Care	Hospital*	# of Beds*	# of MDs*	Public Health Nursing Center	Community Mental Health Facility/Center	Nearest Community w/ Hospital***	Miles to Nearest Hospital***	Mode of Travel to Hosp.*						
368 No Providers**						Palmer	52	X Air	X Road		Water	Snow Machine	4-Wheel	Train
28 No Providers**						Fairbanks	275		X					
749 No Providers**						Kodiak								

*A blank cell generally means the item is not applicable.
 **No MDs, MLPs, or CHAs reside in the community. Itinerant services not described in this matrix.
 ***A blank cell generally indicates data is not available.

Alaska Telmed Sites: IXC Service Availability

	A	B	C	D	E	F
1			Dedicated Private Line			
2	COMMUNITIES	Frame Relay*	Up to 128K*	Up to DS-1*	Up to DS-1 w/ Some Additional Equip.*	ISDN*
3	Communities with Hospitals					
4	Anchorage	x		x		pending in 97
5	Barrow	x		x		pending in 97
6	Bethel	x		x		pending in 97
7	Cordova	x		x		
8	Dillingham	x		x		pending in 97
9	Fairbanks	x		x		
10	Homer	x		x		
11	Juneau	x		x		
12	Ketchikan	x		x		
13	Kodiak	x		x		
14	Kotzebue	x		x		pending in 97
15	Nome	x		x		pending in 97
16	Palmer	x		x		
17	Petersburg	x		x		
18	Seward	x		x		
19	Sitka	x		x		
20	Soldotna	x		x		
21	Valdez	x		x		
22	Wrangell					
23						
24	Communities with Physician but no Hospital					
25	Chugiak			x		
26	Craig					
27	Delta Junction	x		x		
28	Eagle River			x		
29	Girdwood			x		
30	Glenallen	x				
31	Golovin		x			pending in 97
32	Haines	x				
33	Kenai	x		x		
34	Metlakatla					
35	Naknek					
36	Seldovia			x		
37	Talkeetna					
38	Wasilla	x		x		

Alaska Telmed Sites: IXC Service Availability

	A	B	C	D	E	F
1			Dedicated Private Line			
2	COMMUNITIES	Frame Relay*	Up to 128K*	Up to DS-1*	Up to DS-1 w/ Some Additional Equip.*	ISDN*
39						
40	<i>Communities with Mid-Level Practitioner</i>					
41	Akutan		x		x	pending in 97
42	Aniak					
43	Chignik		x		x	pending in 97
44	Cold Bay		x		x	pending in 97
45	Ft. Yukon					
46	Galena	x				
47	Gustavus					
48	Healy			x		
49	Hoonah					
50	Kake					
51	King Cove		x			pending in 97
52	Klawock					
53	McGrath	x				
54	Nenana					
55	Sand Point		x		x	pending in 97
56	Skagway	x				
57	St. George					
58	St. Paul	x				
59	Skagway	x				
60	Thorne Bay					
61	Togiak		x		x	pending in 97
62	Tok	x		x		
63	Unalakleet	x	x	x	x	pending in 97
64	Unalaska	x		x		
65	Yakutat	x		x		
66						
67	<i>Communities with Community Health Aide</i>					
68	Akhiok					
69	Aklachak					
70	Akiak					
71	Alakanuk					
72	Aleknagik					
73	Allakaket					

Alaska Telmed Sites: IXC Service Availability

	A	B	C	D	E	F
1			Dedicated Private Line			
2	COMMUNITIES	Frame Relay*	Up to 128K*	Up to DS-1*	Up to DS-1 w/ Some Additional Equip.*	ISDN*
74	Amber		x			pending in 97
75	Anaktuvuk Pass		x			pending in 97
76	Angoon					
77	Anvik					
78	Arctic Village					
79	Atka					
80	Atmautluak					
81	Atkasuk		x			pending in 97
82	Beaver					
83	Brevig Mission					
84	Buckland		x			pending in 97
85	Cantwell					
86	Chalkyitsik					
87	Chefornak					
88	Chenega					
89	Chevak					
90	Chignik Lagoon		x			pending in 97
91	Chignik Lake		x			pending in 97
92	Chitina					
93	Christochina					
94	Chuathbaluk					
95	Circle					
96	Clark's Point		x			pending in 97
97	Copper Center					
98	Crocket Creek					
99	Deering		x			pending in 97
100	Dionede					
101	Dot Lake					
102	Eagle					
103	Eek					
104	Ekwok		x			pending in 97
105	Elim		x			pending in 97
106	Emmonak					
107	Egigig					
108	Evansville					
109	False Pass		x			pending in 97
110	Gakona					
111	Gambell					
112	Godnews Bay					

Alaska Telmed Sites: IXC Service Availability

	A	B	C	D	E	F
1			Dedicated Private Line			
2	COMMUNITIES	Frame Relay*	Up to 128K*	Up to DS-1*	Up to DS-1 w/ Some Additional Equip.*	ISDN*
113	Grayling					
114	Gulkana					
115	Holy Cross					
116	Hooper Bay					
117	Hughes					
118	Huslia					
119	Hydaburg					
120	Igiugig					
121	Iliamna		x			pending in 97
122	Ivanof Bay					
123	Kaktovik		x			pending in 97
124	Kaltag					
125	Karluk					
126	Kasaan					
127	Kasigluk					
128	Kiana		x			pending in 97
129	King Salmon	x		x		
130	Kipnuk					
131	Kivalina		x			pending in 97
132	Klukwan					
133	Kobuk		x			pending in 97
134	Kokhanok					
135	Koliganek		x			pending in 97
136	Kongiganak					
137	Kotik					
138	Koyuk		x			pending in 97
139	Koyukuk					
140	Kvethluk					
141	Kwigillingok					
142	Larsen Bay					
143	Levelock		x			pending in 97
144	Lime Village					
145	Lower Kalskag					
146	Manley Hot Springs					
147	Manokotak		x			pending in 97
148	Marshall					
149	Mekoryuk					
150	Mentasta Lake					
151	Minto					